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Adverse Events with DMARD: A Cohort Study of Leflunomide Compared with Other DMARD *G.W. Cannon, W.L. Holden, J. Juhaeri, W. Dai, L. Scarazzini, P. Stang* 1906

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The Systemic Lupus Activity Measure-Revised, the Mexican SLE Disease Activity Index (SLEDAI), and a Modified SLEDAI-2K Are Adequate Instruments to Measure Disease Activity in SLE *A.G. Uribe, L.M. Vilá, G. McGwin Jr, M.L. Sanchez, J.D. Reveille, G.S. Alarcón* 1934

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Increasing Mineral Density After Menopause in Individual Lumbar Vertebrae as a Marker for Incident Degenerative Disease: A Pilot Study for the Effects of Body Composition and Diet *J. Reeve, R. Abraham, J. Walton, L. Russell, B. Wardley-Smith, A. Mitchell* 1986

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N. Massy-Westropp, J. Krishnan, M. Ahern 1996

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P.S. Tugwell, G.A. Wells, J.Z. Shainhouse 2002

Osteoarthritic Mice Exhibit Enhanced PGE_2 and Unchanged CGRP Release in a Novel Isolated Knee Joint Model
B. Averbeck, K. Rudolphi, M. Michaelis 2013

Tenascin-C Concentration in Synovial Fluid Correlates with Radiographic Progression of Knee OA
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